

William B F Ryan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

5,452
citations

430874

18
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

5164
citing authors

#	ARTICLE	IF	CITATIONS
1	Extension in the Tyrrhenian Sea and shortening in the Apennines as result of arc migration driven by sinking of the lithosphere. <i>Tectonics</i> , 1986, 5, 227-245.	2.8	1,602
2	Global Multi-Resolution Topography synthesis. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	1,428
3	Plate Tectonics and the Evolution of the Alpine System. <i>Bulletin of the Geological Society of America</i> , 1973, 84, 3137.	3.3	1,375
4	Volcanic Episodicity and a Non-Steady State Rift Valley Along Northeast Pacific Spreading Centers: Evidence From Sea MARC I. <i>Journal of Geophysical Research</i> , 1986, 91, 13925-13940.	3.3	258
5	Decoding the Mediterranean salinity crisis. <i>Sedimentology</i> , 2009, 56, 95-136.	3.1	166
6	Spatial and temporal variability in the geochemistry of basalts from the East Pacific Rise. <i>Nature</i> , 1992, 359, 493-499.	27.8	121
7	The evolution of craters and calderas on young seamounts: Insights from SEA MARC I and Sea beam sonar surveys of a small seamount group near the axis of the East Pacific Rise at $10^{\circ}N$. <i>Journal of Geophysical Research</i> , 1984, 89, 11069-11083.	3.3	116
8	Variations in Magnetic Intensity and Climatic Changes. <i>Nature</i> , 1971, 232, 549-551.	27.8	51
9	Magnetic Intensity and Climatic Changes 1925-1970. <i>Nature</i> , 1973, 242, 34-37.	27.8	51
10	Status of the Black Sea flood hypothesis. , 2007, , 63-88.		35
11	Accretion, structure and hydrology of intermediate spreading-rate oceanic crust from drillhole experiments and seafloor observations. <i>Marine Geophysical Researches</i> , 1992, 14, 93-123.	1.2	34
12	Magmatic subsidence of the East Pacific Rise (EPR) at $14^{\circ}S$ revealed through fault restoration of ridge crest bathymetry. <i>Geochemistry, Geophysics, Geosystems</i> , 2003, 4, .	2.5	29
13	Sea-floor lava fields on the East Pacific Rise. <i>Geology</i> , 1985, 13, 413.	4.4	28
14	Flow line variations in abyssal hill morphology for the Pacific-Antarctic Ridge at $65^{\circ}S$. <i>Journal of Geophysical Research</i> , 1994, 99, 17921-17934.	3.3	28
15	Physiography and deposition on a distal deep-sea system: The Valencia Fan (Northwestern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.1	23
16	Along-axis variations within the plate boundary zone of the southern segment of the Endeavour Ridge. <i>Journal of Geophysical Research</i> , 1988, 93, 7856-7868.	3.3	23
17	Geodynamic responses to a two-step model of the Messinian salinity crisis. <i>Bulletin - Societe Geologique De France</i> , 2011, 182, 73-78.	2.2	23
18	Morphology of the Ebro fan valleys from SeaMARC and sea beam profiles. <i>Geo-Marine Letters</i> , 1985, 5, 141-148.	1.1	22

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19	Morphology and downslope sediment displacement in a deep-sea valley, the Valencia Valley (Northwestern Mediterranean). <i>Geo-Marine Letters</i> , 1985, 5, 149-156.	1.1	20
20	Late Pleistocene to Holocene paleoenvironmental changes in the NW Black Sea. <i>Journal of Quaternary Science</i> , 2019, 34, 87-100.	2.1	10
21	Pacific trench motions controlled by the asymmetric plate configuration. <i>Tectonics</i> , 2008, 27, .	2.8	9